

Surf April 12

Work Order ID 81027

March-06-12 4:27:08 PM

\*81027\*

Page 1

Item ID: D350-794-041

Accept

\*N900040100\*

Setup Start

\*NS1\*

Revision ID:

Item Name: Tank Assembly

Stop

\*NS2\*

Start Date: 06/03/2012 Start Qty: 1.00

\*1\*

Cust Item ID:

Required Date: 20/03/2012 Req'd Qty: 1.00

\*1\*

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 12/03/06

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start

\*NR1\*

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N):

Date: \_\_\_\_\_

Stop

\*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr	Revision Nbr
IIN-D350-794	C

100

\*100\*

DOCUMENT CONTROL

0.00

DC

Document Control

Memo

0.00

Photocopy bluefile & type labels per PPPD350-794-041

CHG003

Surf 12/03/29

MLJ 12/03/29

(1)

110

\*110\*

Pick Kit

0.00

Packaging

Packaging

Memo

0.00

JB

12/03/28

JB

120

\*120\*

QC4- 100% Inspect kits for completeness

0.00

QC

Quality Control

Memo

0.00

Surf 12/03/29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 81027

March-06-12 4:27:08 PM

\*81027\*

Page 2

Item ID: D350-794-041

Accept

\*N900040100\*

Setup

Start

\*NS1\*

Revision ID:

Item Name: Tank Assembly

Stop

\*NS2\*

Start Date: 06/03/2012 Start Qty: 1.00

\*1\*

Cust Item ID:

Required Date: 20/03/2012 Req'd Qty: 1.00

\*1\*

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

130

\*130\*

Packaging

Packaging

0.00

130

Packaging

Memo

0.00

Identify and pack for shipping as per PPPD350-794-041

Location: \_\_\_\_\_

PPP Rev: \_\_\_\_\_

140

\*140\*

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

MLJ 12/03/29

06-03-29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

## Picklist Print

March-06-12 4:27:12 PM

Page 1

Work Order ID: 81027

\*81027\*

Parent Item: D350-794-04

\*D350-794-041\*

**Parent Item Name:** Tank Assembly

&lt;divStart Date: 06/03/2012

**Required Date:** 20/03/2012

**Comments:** IPP Rev:A 10.05.17 ECN10-562 DD verf:  
10.11.18 updated pick list EC verified by: DD  
AS PER CHG 003 DD VERF:EC

IPP Rev B  
- IPP REV:C 11.09.27

&lt;divStart Qty: 1.00

<div[](https://i.imgur.com/3Q5zGfD.jpg)

12/03/28

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

March-06-12 4:27:12 PM

Page 2

Work Order ID: 81027

\*81027\*

Parent Item: D350-794-041

\*D350-794-041\*

Parent Item Name: Tank Assembly

Start Date: 06/03/2012

Required Date: 20/03/2012

MS20822-3D

Purchased No 110 Each 18.0000

Start Qty: 1.00

\*MS20822-3D\*

Elbow

2 2 ✓

JB

SD

\*\*

MS20822-8D

Purchased No 110 Each 15.0000

1 1 ✓

\*MS20822-8D\*

Elbow-90M-1/2Flare-3/8NP

JB

SD

D4009-041

Manufactured No 110 Each 2.0000

2 2 ✓

\*D4009-041\*

Bonding Braid

81037

SD

TBA28B

\*TBA28R\*

Cable Tie Fastener

D3600-1  
Cal 12/03/28

Purchased No 110 Each 0.0000

3 3 ✓

B66957

SD

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

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Page 3

Work Order ID: 81027

\*81027\*

Parent Item: D350-794-041

\*D350-794-041\*

Parent Item Name: Tank Assembly

Start Date: 06/03/2012

Required Date: 20/03/2012

TY25MX

Purchased

No

110

Each

887.0000

1

1

\*\*

\*TY25MX\*

Tie Wrap

Start Qty: 1.00

Required Qty: 1.00

Location	Loc Qty	Loc Code
ST380	887	
<u>115695</u>	887	<u>115695</u>

March-06-12 4:27:12 PM

Shop Packet Print

12/03/28

Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

## 6.0 PARTS LIST

Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
X					D350-794-011		AUXILIARY FUEL TANK (AS 350 SERIES)
1	X				D350-794-013		AUXILIARY FUEL TANK PROVISIONS (AS 350 SERIES)
	X				D130-794-021		AUXILIARY FUEL TANK (EC 130 SERIES)
	1	X			D130-794-023		AUXILIARY FUEL TANK PROVISIONS (EC 130 SERIES)
1	1	X			D350-794-041		TANK ASSEMBLY
				1	D4055-041	JCA/M47-1-01A	FUEL TANK
1		1			D4022-041	A8150-B1-JCA	FUEL TRANSFER PUMP ASSEMBLY
				1*	D4023-3	ER281	FUEL CAP
1		1			D4002-5	JCA-M47-2-13	SUPPLY HOSE – FROM AUX TANK
1		1			D4003-047	JCA-M47-2-16	FUEL PUMP INLET PIPE
1		1			D4002-7	JCA-M47-2-25	SUPPLY HOSE – PUMP TO MAIN TANK FILLER NECK
				1	D4002-041	JCA-M47-1-13	DRAIN HOSE ASSEMBLY – FRONT
				1	D4002-043	JCA-M47-1-16	DRAIN HOSE ASSEMBLY – REAR
				2	MS20822-3D		UNION
1		1			AN832-6D		BULKHEAD UNION
				1	AN816-6D		STRAIGHT FITTING
2		2			AN924-6D		NUT (ALTERNATE AS5178D06)
2		2			NAS1149D0963J		WASHER
				1	MS20822-8D		90° FITTING
2		2			AN815-6D		UNION
2		2			MS29512-06		ORING
1		1			D4022-3	05-00021	FUEL PUMP MOUNTING BRACKET
2		2			AN3-4A		BOLT
2		2			MS21042-3		NUT
2		2			AN970-3		WASHER
1		1			D4008-043	JCA-M47-2-29	FUEL PUMP SPLASH GUARD
1		1			D4004-7	N3	HOSE CLIP
				1	D4009-041	JCA-M47-4-01	BONDING BRAID
				1	D4008-041	JCA-M47-2-26	AUXILIARY TANK FILLER SPLASH GUARD
4		4			AN525-10R6		SCREW
1		1			D4001-3	AN832-6D-JCA	BULKHEAD FITTING – MODIFIED
							Vent Assembly Parts
2		2			MS21919WDG-8		CLAMP
1		1			D4003-11	JCA-M47-2-21	VENT PIPE – TANK
		1			D4027-041	JCA-M47-2-20	VENT CLAMP ASSEMBLY
1		1			D4003-049	JCA-M47-2-17	VENT PIPE – TANK
1		1			D4027-043	JCA-M47-2-35	VENT CLAMP ASSEMBLY
1		1			D4063-3	193-8	VENT HOSE
2		2			2000-8S		HOSE CLAMP
1		1			NAS43DD3-32N		SPACER
1		1			MS35207-267		SCREW
2		2			MS35207-264		SCREW
3		3			NAS1149D0332J		WASHER
3		3			MS21042-3		NUT
				3	TBA28B		CABLE TIE FASTENER
				71	TY25MX		TIE WRAP
1		1			MS21919WDG-6		CLAMP (RUBBER REMOVED)
1		1			D4009-041	JCA-M47-4-01	BONDING BRAID ASSEMBLY

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Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
//							
					D4005-1	JCA-M47-2-03	REAR RESTRAINT ANGLE/GUTTER
1		1		1	D4004-11	JCA-M47-2-11	TOP STRAP ATTACH BRACKET
1		1		1	D4004-5	JCA-M47-2-23	BOTTOM STRAP ATTACH BRACKET
3		3		1	MS24694-S50		SCREW
3		3		1	MS21042-3		NUT
3		3		1	NAS1149F0363P		WASHER
1		1		1	D4024-041	JCA/ASSO/MIN	ANCR RESTRAINT STRAP
1		1		1	D4004-041	JCA-M47-2-19	SIDE RESTRAINT ANGLE
1		1		1	D4007-3	JCA-M47-2-18	TOP SUPPORT BRACKET
1		1		1	D4006-041	JCA-M47-2-01	TANK TOP SUPPORT ASSEMBLY
2		2		1	AN4-5A		BOLT
2		2		1	NAS1149F0463P		WASHER
/							
Locker Preparation Parts							
1		1		1	D4005-041	JCA-M47-2-22	FORWARD FLOOR GUTTER
1		1		1	D4063-1	193-6	DRAIN HOSE
1		1		1	MS21919WDG-9		CLAMP
1		1		1	MS35207-264		SCREW
1		1		1	NAS1149D0332J		WASHER
1		1		1	MS21042-3		NUT
1		1		1	2000-6S		HOSE CLAMP
3		3		1	NAS1474-08		SEALED CAPTIVE ANCHOR NUT
1		1		1	D4005-11	JCA-M47-2-12	FINISHING STRIP
4		4		1	MS21059-L08		ANCHOR NUT
7		7		1	AN525-832R6		SCREW
/							
Electrical Parts							
1		1		1	D4290-9	D8-603 (ALT. HA23-6U3)	6.3A ECF FUSE
1		1		1	D4290-11	D1-205 (ALT. HA21-2U5)	2.5A ECF FUSE
1		1		1	MS35058-23		SWITCH
1		1		1	D4290-29	107-964	CONNECTOR RECEPTACLE
1		1		1	D4290-27	107-978 (ALT. 105-5465)	CONNECTOR BACKSHELL
1		1		1	D4290-25	107-943	CONNECTOR PLUG
				1*	D4025-1	VDO-M47-JCA	FUEL QUANTITY SENDER
4		4		1	MS35206-217		SCREW
4		4		1	NAS1149FN416P		WASHER
4		4		1	MS21044N04		NUT
1		1		1	D4290-33	143-207	PLUG
1		1		1	D4290-23	143-208	RECEPTACLE
1		1		1	D4290-15	143-204 (ALT. 973-1482)	RECEPTACLE HOUSING
1		1		1	D4290-17	143-203 (ALT. 973-1490)	PLUG HOUSING
5		5		1	D4290-35	143-219 (ALT. 977-3800)	CRIMP PIN
5		5		1	D4290-31	143-217 (ALT. 977-3797)	CRIMP SOCKET
1		1		1	D4009-041	JCA-M47-4-01	BONDING BRAID ASSEMBLY
1		1		1	D4026-041	FL-100-R-JCA	FUEL GAUGE
2		2		1	AN525-832R6		SCREW - GROUND STUD

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Date: 11.10.24

Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
2			2	11	NAS1149FN832P		WASHER
2			2	11	MS21042-08		NUT
1			1	11	D4290-7	444-2556	GAUGE MASTER SWITCH
1			1	11	D4022-5	3775628 (ALT. 100-6847)	THERMAL SWITCH (125°C) – FARRELL
							General
1			1	11	AN5800-1		PLACARD HOLDER
1			1	11	AN929-6D		BLANK CAP
							Additional EC 130 Parts
			3	11	MS35207-264		SCREW
			3	11	NAS1149D0332J		WASHER
			3	11	MS21042-3		NUT
			1	11	D4027-041	JCA-M47-2-20	VENT CLAMP ASSEMBLY
			1	11	D4004-043	JCA-M47-2-04	SIDE RESTRAINT ANGLE AND TIE DOWN POINT
			1	11	D4005-5	JCA-M47-2-06	ANGLE
			4	11	D4005-7	JCA-M47-2-07	ANGLE
			1	11	D4005-9	JCA-M47-2-08	ANGLE
			1	11	D4007-1	JCA-M47-2-02	TOP SUPPORT BRACKET
			1	11	D4005-3	JCA-M47-2-05	FORWARD RESTRAINT BEAM
			2	11	AN4-6A		BOLT
			1	11	D4007-5	JCA-M47-2-24	PACKER
							Placards
1			1	11	D3997-1	JCA-M47-P1	FUEL QUANTITY – AS 350 MODELS
			1	11	D3997-3	JCA-M47-P2	FUEL QUANTITY – EC 130 B4 MODEL
			1.2*	11	D3997-5	JCA-M47-P3	AUX FUEL DRAIN
1			1	11	D3997-7	JCA-M47-P4	AUX FUEL TRANSFER PUMP
1			1	11	D3997-9	JCA-M47-P5	AUX FUEL
			11*	11	D3997-11	JCA-M47-P6	WEIGHT AND BALANCE
1			1	11	D3997-13	JCA-M47-P7	ON/OFF
1			1	11	D3997-15	JCA-M47-P8	CHECK LOCKER TANK
			11*	11	D3997-17	JCA-M47-P9	STOWAGE PROHIBITED
1			1	11	D3997-19	JCA-M47-P10	TANK VENT
1			1	11	D3997-21	JCA-M47-P13	SWITCH FIXED
1			1	11	D3997-23	JCA-M47-P14	AUX FUEL
1				11	D3997-25	JCA-M47-P15	CONVERSION CHART – AS 350 MODELS
			1	11	D3997-27	JCA-M47-P16	CONVERSION CHART – EC 130 B4 MODEL
			1*	11	D3997-29	JCA-M47-P17	DO NOT OVERFILL WARNING
1			1	11	D3997-31	JCA-M47-P18	ON/OFF
1			1	11	D3997-33	JCA-M47-P19	AUX GAUGE FACE
1			1	11	D3997-35	JCA-M47-P20	AUX FUEL GAUGE
1			1	11	D3997-37	JCA-M47-P21	6.3A CIRCUIT BREAKER
1			1	11	D3997-39	JCA-M47-P22	2.5A CIRCUIT BREAKER
1			1	11	D3997-41	JCA-M47-P23	AUX TANK NOT FITTED
			1*	11	D3997-43	JCA-M47-P24	EARTH

\* - item included as part of D350-794-041 tank assembly